

Listing of Claims:

1. (Currently Amended) A radiographing network system ~~for radiographing radiation images~~, comprising:

a plurality of radiation-image reading ~~apparatus~~ apparatuses to read ~~said~~ radiation images stored in radiation-image storing sheets so as to generate image data sets each of which
5 corresponds to ~~each~~ a respective one of said radiation images;
and

a plurality of controllers to register discrimination information sets each of which corresponds to ~~each~~ a respective
10 one of said radiation-image storing ~~sheet~~ sheets;

wherein said plurality of radiation-image reading ~~apparatus~~ apparatuses and said plurality of controllers are coupled to each other to form said network system, and each of said controllers can display a radiation image for confirmation, when it receives
15 an image data set corresponding to said radiation image, said radiation image being one of said radiation images and said image data set being one of said image data sets; and

wherein a radiation-image reading apparatus reads a discrimination information set recorded on a radiation-image
20 storing sheet loaded into said radiation-image reading apparatus,
in order to specify a controller, which registered said discrimination information set of said radiation-image storing

sheet, on the basis of said discrimination information set, so as
to transmit said image data set, read from said radiation-image
25 storing sheet, to said controller specified by said radiation-
image reading apparatus, and wherein each of said radiation-image
reading apparatus, said discrimination information set, said
radiation-image storing sheet and said controller ~~are~~ is one of
said plurality of radiation-image reading ~~apparatus~~ apparatuses,
30 one of said discrimination information sets, one of said
radiation-image storing sheets and one of said plurality of
controllers, respectively.

2. (Currently Amended) The network system of claim 1,
wherein said one radiation-image storing sheet can be loaded
into any one of said plurality of radiation-image reading
~~apparatus~~ apparatuses, even if any one of said plurality of
5 controllers registers said discrimination information set of said
one radiation-image storing sheet.

3. (Currently Amended) The network system of claim 1,
wherein, when said image data set read from said one
radiation-image storing sheet cannot be transmitted to said one
controller specified by said one radiation-image reading
5 apparatus, said image data set is transmitted to another
~~controller, being~~ one of said plurality of controllers.

4. (Currently Amended) The network system of claim 1,
wherein each of said controllers comprises an acquiring
section to acquire identification data of an operator who
controls ~~a controller concerned~~ one of said controllers, and
5 registers said discrimination information set of said one
radiation-image storing sheet in conjunction with said
identification data of said operator; and

wherein, when said image data set read from said one
radiation-image storing sheet cannot be transmitted to said one
10 controller specified by said one radiation-image reading
apparatus, said image data set is transmitted to another
controller in which said acquiring section acquires said
identification data of said operator coinciding with ~~that in~~
the identification data registered with respect to said image
15 data set.

5. (Currently Amended) The network system of claim 1,
wherein each of said controllers registers said
discrimination information sets of said radiation-image storing
sheets ~~in~~ with respect to a subject in conjunction with ~~subject's~~
5 subject identification data, and displays a predetermined
message ~~, when it receives~~ after receiving said image data sets
read from all of said radiation-image storing sheets ~~in~~ with
respect to said subject.

6. (Currently Amended) The network system of claim 1,
wherein each of said controllers ~~can~~ is adapted to change an
order of said image data sets read from said radiation-image
storing sheets ~~in~~ with respect to a subject when outputting said
image data sets.

7. (Currently Amended) The network system of claim 1,
further comprising:

a database section to store a database of recording files,
each of which includes said discrimination information set
5 registered by said one controller and controller-discrimination
information set corresponding to said one controller;

wherein said database section retrieves said discrimination
information set from any one of said plurality of radiation-image
reading ~~apparatus~~ apparatuses and returns ~~a~~ one of said recording
10 ~~file~~ files ~~concerned, being one of said recording files,~~ and
then, said one radiation-image reading apparatus specifies ~~a~~ said
controller ~~[[,]]~~ which registered said discrimination information
set of said one radiation-image storing sheet, on the basis of
said discrimination information set included in said recording
15 file, so as to transmit said image data set, read from said one
radiation-image storing sheet, to said one controller specified
by said one radiation-image reading apparatus.

8. (Currently Amended) The network system of claim 2,
further comprising:

a database section to store a database of recording files,
each of which includes said discrimination information set
5 registered by said one controller and controller-discrimination
information set corresponding to said one controller;

wherein said database section retrieves said discrimination
information set from any one of said plurality of radiation-image
reading ~~apparatus~~ apparatuses and returns ~~a one of said~~ recording
10 ~~file files~~ concerned, ~~being one of said recording files~~, and
then, said one radiation-image reading apparatus specifies ~~a the~~
controller ~~[[,]]~~ which registered said discrimination information
set of said one radiation-image storing sheet, on the basis of
said discrimination information set included in said recording
15 file, so as to transmit said image data set, read from said one
radiation-image storing sheet, to said one controller specified
by said one radiation-image reading apparatus.

9. (Currently Amended) The network system of claim 1,

wherein said controller ~~can~~ is adapted to transmit a
recording file, including said discrimination information set
registered by said one controller and a controller-discrimination
5 information set corresponding to said one controller, to all of
said plurality of radiation-image reading ~~apparatus~~ apparatuses,

and said one radiation-image reading apparatus stores said recording file and transmits said image data set, on the basis of said controller-discrimination information set included in said recording file coinciding with said discrimination information set of said one radiation-image storing sheet.

10. (Currently Amended) The network system of claim 1, wherein said one radiation-image reading apparatus retrieves a coincided recording file ~~in~~ with respect to all of said plurality of controllers by utilizing said discrimination information set of said one radiation-image storing sheet, and transmits said image data set read from said radiation-image storing sheet to ~~a controller~~ one of said controllers having said coincided recording file.

11. (Currently Amended) The network system of claim 1, wherein each of said controllers also registers a radiographing information set including ~~data, such as a~~ at least one of body part data of a subject to be radiographed, a radiographing direction data, radiographing conditions data, ~~etc.~~, in addition to said discrimination information set of said one radiation-image storing sheet ~~currently~~ utilized for radiographing said subject, and said one controller determines a reading condition for reading said one radiation-image storing

10 sheet on the basis of said radiographing information set
registered by said one controller; and

wherein said one radiation-image reading apparatus acquires
said reading condition on the basis of said discrimination
information set of said one radiation-image storing sheet, and
15 reads a radiation image stored in said one radiation-image
storing sheet under said reading condition acquired, so as to
generate said image data set.

12. (Currently Amended) The network system of claim 1,
wherein each of said controllers also registers a
radiographing information set including ~~data, such as a~~ at least
one of body part data of a subject to be radiographed, a
5 radiographing direction data, radiographing conditions data,
~~etc.~~, in addition to said discrimination information set of said
one radiation-image storing sheet ~~currently~~ utilized for
radiographing said subject; and

wherein said one controller applies an image-processing onto
10 said image data set received in conjunction with said
discrimination information set of said one radiation-image
storing sheet on the basis of said radiographing information set,
which coincides with said discrimination information set, so as
to output an image-processed image data set.

13. (Currently Amended) The network system of claim 1,
wherein said radiation-image reading apparatuses are
exclusive type radiation-image reading apparatuses, and each of
said controllers controls ~~an~~ one of said exclusive type
5 radiation-image reading ~~apparatus~~ apparatuses, and receives an
image data set outputted by said one exclusive type
radiation-image reading apparatus, synchronizing with a
radiographing operation performed by said one exclusive type
radiation-image reading apparatus.